Hideaki Maseda

List of Publications by Year
in descending order

52 papers	1,674 citations	304743 22 h-index	289244 40 g-index
52 all docs	52 docs citations	52 times ranked	1775 citing authors

#	Article	IF	Citations
1	Physiological response of Simocephalus vetulus to five antibiotics and their mixture under 48-h acute exposure. Science of the Total Environment, 2022, 829, 154585.	8.0	7
2	Draft Genome Sequence of the Microcystin-Degrading Bacterium Novosphingobium sp. Strain MD-1. Microbiology Resource Announcements, 2020, 9, .	0.6	5
3	Effects of levofloxacin exposure on sequencing batch reactor (SBR) behavior and microbial community changes. Science of the Total Environment, 2019, 672, 227-238.	8.0	29
4	Thermophilic anaerobic digestion is an effective treatment for reducing cefazolin-resistant bacteria and ESBL-producers in dairy manure. Journal of Material Cycles and Waste Management, 2019, 21, 293-299.	3.0	4
5	Removal of Microcystis aeruginosa cells and microcystin-LR using ceramic carrier in a continuous flow bioreactor. Japanese Journal of Water Treatment Biology, 2016, 52, 35-43.	0.1	1
6	ç·'è†¿èŒã,'åšå‰‰è€æ€§èŒã¸ã•è¯°åºŽã•™ã,‹æ–°è¦¦å›žåŽ®å•–å¾¼—ã•è§£æž• Japanese Journal of Water Treatment Biology, 2016, 52, 55-63.	0.1	0
7	Effect of Polyphenols on Reactive Oxygen Species Production and Cell Growth of Human Dermal Fibroblasts after Irradiation with Ultraviolet-A Light. Biocontrol Science, 2015, 20, 27-33.	0.8	10
8	Complete Genome Sequence of Pseudomonas aeruginosa Strain 8380, Isolated from the Human Gut. Genome Announcements, 2015, 3, .	0.8	4
9	Whole-Genome Sequence of the Microcystin-Degrading Bacterium Sphingopyxis sp. Strain C-1. Genome Announcements, 2015, 3, .	0.8	25
10	Development of a Novel Antimicrobial Screening System Targeting the Pyoverdine-Mediated Iron Acquisition System and Xenobiotic Efflux Pumps. Molecules, 2015, 20, 7790-7806.	3.8	0
11	Activity of ERK regulates mucin 3 expression and is involved in undifferentiated Caco-2 cell death induced by 3-oxo-C12-homoserine lactone. Bioscience, Biotechnology and Biochemistry, 2015, 79, 937-942.	1.3	9
12	Mucin 3 is involved in intestinal epithelial cell apoptosis viaN-(3-oxododecanoyl)-<scp>l</scp>-homoserine lactone-induced suppression of Akt phosphorylation. American Journal of Physiology - Cell Physiology, 2014, 307, C162-C168.	4.6	15
13	Acyl-homoserine lactones suppresses IEC-6 cell proliferation and increase permeability of isolated rat colon. Bioscience, Biotechnology and Biochemistry, 2014, 78, 462-465.	1.3	5
14	Trehalose suppresses antibody aggregation during the culture of Chinese hamster ovary cells. Journal of Bioscience and Bioengineering, 2014, 117, 632-638.	2.2	20
15	A novel strategy to design latent ratiometric fluorescent pH probes based on self-assembled SNARF derivatives. RSC Advances, 2014, 4, 348-357.	3.6	24
16	Synergistic antimicrobial activity based on the combined use of a gemini-quaternary ammonium compound and ultraviolet-A light. Journal of Photochemistry and Photobiology B: Biology, 2014, 130, 226-233.	3.8	14
17	Analysis of Genes for Succinoyl Trehalose Lipid Production and Increasing Production in Rhodococcus sp. Strain SD-74. Applied and Environmental Microbiology, 2013, 79, 7082-7090.	3.1	31
18	Two routes of MexSâ€MexTâ€mediated regulation of MexEFâ€OprN and MexABâ€OprM efflux pump expression in Pseudomonas aeruginosa. Microbiology and Immunology, 2013, 57, 263-272.	1.4	43

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19	Synthesis and Biological Activity of Thiazolyl-Acetic Acid Derivatives as Possible Antimicrobial Agents. Biocontrol Science, 2013, 18, 59-73.	0.8	10
20	Synthesis of Thiazole Derivatives and Evaluation of Their Antiamoebic Activity and Cytotoxicity. Biocontrol Science, 2013, 18, 183-191.	0.8	4
21	Action of Reactive Oxygen Species in the Antifungal Mechanism of Gemini-pyridinium Salts Against Yeast. Biocontrol Science, 2012, 17, 77-82.	0.8	18
22	Enzymatic pathway for biodegrading microcystin LR in Sphingopyxis sp. C-1. Journal of Bioscience and Bioengineering, 2012, 114, 630-634.	2.2	92
23	MlrA Located in the Inner Membrane Is Essential for Initial Degradation of Microcystin in <i>Sphingopyxis </i>sp. Cï¼1. Japanese Journal of Water Treatment Biology, 2012, 48, 99-107.	0.1	11
24	How microcystinâ€degrading bacteria express microcystin degradation activity. Lakes and Reservoirs: Research and Management, 2011, 16, 169-178.	0.9	34
25	Mutation in thesdeSGene Promotes Expression of thesdeABEfflux Pump Genes and Multidrug Resistance in Serratia marcescens. Antimicrobial Agents and Chemotherapy, 2011, 55, 2922-2926.	3.2	13
26	Quantification of Microcystin-degrading Bacteria in a Biofilm from a Practical Biological Treatment Facility by Real-time PCR. Journal of Water and Environment Technology, 2010, 8, 193-201.	0.7	11
27	Transcriptional regulation of the mexEF-oprN multidrug efflux pump operon by MexT and an unidentified repressor in nfxC-type mutant of Pseudomonas aeruginosa. FEMS Microbiology Letters, 2010, 311, 36-43.	1.8	21
28	Characteristics of a Microcystin-Degrading Bacterium under Alkaline Environmental Conditions. Journal of Toxicology, 2009, 2009, 1-8.	3.0	61
29	Mutational Upregulation of a Resistance-Nodulation-Cell Division-Type Multidrug Efflux Pump, SdeAB, upon Exposure to a Biocide, Cetylpyridinium Chloride, and Antibiotic Resistance in Serratia marcescens. Antimicrobial Agents and Chemotherapy, 2009, 53, 5230-5235.	3.2	65
30	The Mode of the Antifungal Activity of Gemini-Pyridinium Salt against Yeast. Biocontrol Science, 2009, 14, 13-20.	0.8	41
31	Macrolide Antibiotic-Mediated Downregulation of MexAB-OprM Efflux Pump Expression in Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2008, 52, 4141-4144.	3.2	23
32	Quorum Sensing Regulates Denitrification in Pseudomonas aeruginosa PAO1. Journal of Bacteriology, 2007, 189, 4969-4972.	2.2	114
33	Assignment of the outer-membrane-subunit-selective domain of the membrane fusion protein in the tripartite xenobiotic efflux pump ofPseudomonas aeruginosa. FEMS Microbiology Letters, 2006, 254, 101-107.	1.8	16
34	Biochemical Characteristics of Microcystin LR Degradation by Typical Protease. Japanese Journal of Water Treatment Biology, 2006, 42, 27-35.	0.1	13
35	Isolation of a low-molecular-weight, multicopy plasmid, pNHK101, from Thermus sp. TK10 and its use as an expression vector for T. thermophilus HB27. Plasmid, 2005, 54, 70-79.	1.4	12
36	High-level expression of a novel amine-synthesizing enzyme, N-substituted formamide deformylase, in Streptomyces with a strong protein expression system. Protein Expression and Purification, 2005, 40, 212-219.	1.3	13

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37	A Quorumâ€Sensing Autoinducer Enhances the mexABâ€oprM Effluxâ€Pump Expression without the MexRâ€Mediated Regulation in Pseudomonas aeruginosa. Microbiology and Immunology, 2004, 48, 435-439.	1.4	32
38	Hyper-inducible expression system for streptomycetes. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 14031-14035.	7.1	109
39	Enhancement of the mexAB - oprM Efflux Pump Expression by a Quorum-Sensing Autoinducer and Its Cancellation by a Regulator, MexT, of the mexEF - oprN Efflux Pump Operon in Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2004, 48, 1320-1328.	3.2	155
40	Nucleotide sequence of the cryptic plasmid pTT8 from Thermus thermophilus HB8 and isolation and characterization of its high-copy-number mutant. Plasmid, 2004, 51, 227-237.	1.4	18
41	An Elegant Means of Self-protection in Gram-negative Bacteria by Recognizing and Extruding Xenobiotics from the Periplasmic Space. Journal of Biological Chemistry, 2003, 278, 2085-2088.	3.4	57
42	Participation of Nitrite Reductase in Conversion of NO2- to NO3- in a Heterotrophic Nitrifier, Burkholderia cepacia NH-17, with Denitrification Activity.. Microbes and Environments, 2003, 18, 203-209.	1.6	16
43	Secondary-Site Mutation Restores the Transport Defect Caused by the Transmembrane Domain Mutation of the Xenobiotic Transporter MexB in Pseudomonas aeruginosa. Biochemical and Biophysical Research Communications, 2002, 292, 513-518.	2.1	7
44	A novel assembly process of the multicomponent xenobiotic efflux pump in Pseudomonas aeruginosa. Molecular Microbiology, 2002, 46, 677-686.	2.5	13
45	The outer membrane component of the multidrug efflux pump fromPseudomonas aeruginosamay be a gated channel. FEBS Journal, 2002, 269, 4738-4745.	0.2	14
46	Molecular mechanism of MexR-mediated regulation of MexABÃ¢Â€Â“OprM efflux pump expression inPseudomonas aeruginosa. FEMS Microbiology Letters, 2001, 195, 23-28.	1.8	29
47	Variation of the mexT gene, a regulator of the MexEF-OprN efflux pump expression in wild-type strains of Pseudomonas aeruginosa. FEMS Microbiology Letters, 2000, 192, 107-112.	1.8	127
48	Function of the Membrane Fusion Protein, MexA, of the MexA, B-OprM Efflux Pump in Pseudomonas aeruginosa without an Anchoring Membrane. Journal of Biological Chemistry, 2000, 275, 4628-4634.	3.4	58
49	Assignment of the Substrate-Selective Subunits of the MexEF-OprN Multidrug Efflux Pump of Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2000, 44, 658-664.	3.2	121
50	Development of expression vectors for Thermus thermophilus. Journal of Bioscience and Bioengineering, 1998, 86, 121-124.	0.9	19
51	Screening and analysis of DNA fragments that show promoter activities inThermus thermophilus. FEMS Microbiology Letters, 1995, 128, 127-134.	1.8	58
52	Plasmid marker rescue transformation in Thermus thermophilus. Journal of Bioscience and Bioengineering, 1993, 76, 276-279.	0.9	23